## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |  |  |
|---------------------------|----------|--------|---------|--|--|
| EE DETERMINATION          | 18ù      | T331   | alialia |  |  |
| O.I.P.E. CLASSIFIER       | <b>/</b> | 43     | 1/17/00 |  |  |
| FORMALITY REVIEW          |          |        |         |  |  |
| RESPONSE FORMALITY REVIEW |          |        |         |  |  |

## INDEX OF CLAIMS

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| Allowed                      | IInterference |
| = Allowed                    | A Appeal      |
| — (Through numeral) Canceled | AAppour       |
| . Restricted                 | O Objected    |

|          |               |          |          |   |   |          |   | ÷        | -   |          | ••• | •••       |           |   | •••          |           |          | ••••     | ••••     |
|----------|---------------|----------|----------|---|---|----------|---|----------|-----|----------|-----|-----------|-----------|---|--------------|-----------|----------|----------|----------|
| Clai     | m             |          | _        | _ | _ | _        | _ | Da       | ite | -        | _   | _         |           | _ |              | _         |          |          | C        |
| Final    | Original      | 8/5/8    | 100      |   | _ |          |   |          |     |          |     |           |           |   |              |           |          |          | -        |
|          | T             | 1        | 1        | 1 | _ | L        |   | _        | 1   |          | 1   |           | L         | 4 | _            | L         | 4        |          | -        |
|          | 2             |          |          |   |   | L        |   | Ŀ        | 4   | _        | 1   | _         | Ļ         | 4 |              | Ļ         | 4        |          | $\vdash$ |
|          | 3             | 11       | Ц        |   |   | L        | _ | L        | 1   | _        | 1   | _         | L         | 4 | _            | ļ         | 4        |          | 1        |
|          | 4             |          | Ц        | Ц |   | L        |   | _        | 4   | _        | 4   | _         | ╀         | - | _            | +         | -        |          | +        |
| <u> </u> | 5             |          | 1        | Ц |   | 1        | _ | L        | _   | -        | 4   |           | +         | 4 | _            | ╀         | $\dashv$ |          | +        |
| _        | 6             | 4+       | +        | H |   | ŀ        | _ | ╀        | _   | ┝        | +   |           | ╀         | 4 | _            | +         | -        |          | ŀ        |
| $\vdash$ | 7             |          | +        | H | _ | +        |   | ╁        | _   | ┝        | +   |           | +         | - | -            | +         | -        |          | +        |
| -        | 8             | ++       | +        | ╫ | _ | +        |   | ł        | -   | $\vdash$ | 1   | -,        | $^{+}$    |   | $\vdash$     | $\dagger$ |          |          | t        |
| -        | 1             | 1        | +        | 1 | H | +        | - | t        |     | t        | -   | -         | +         | _ | 1            | †         | _        |          | t        |
| $\vdash$ |               | 1        | +        | 1 | - | +        |   | t        |     | t        | -   | 卜         | †         | _ | T            | 1         | _        |          | Ţ        |
| -        | 11            |          | +        | 1 | H | †        | _ | t        |     | t        | _   | 1         | 1         |   | T            | 1         |          | 1        |          |
| -        | 1             |          | 十        | 1 | H | 1        | _ | T        | ,   | t        | _   | Γ         | 1         | _ |              | 1         |          |          | [        |
| +        |               | 4        | †        | 1 |   | 1        | _ | Ť        |     | T        |     |           | 1         |   |              |           |          |          | ١        |
|          | 1             |          | 1        | 1 | Τ | ٦        |   | T        |     | T        |     |           |           |   | L            |           |          | ]        | -        |
|          | 1             | 9        | T        | 1 | T |          |   |          |     | Ţ        |     | L         | _         |   | $\downarrow$ | _         |          | 1        |          |
|          | 1             | 7        | $\Box$   | I |   |          |   | 1        |     | 1        |     | L         | 4         |   | ļ            |           |          | 4        |          |
|          |               | 8        |          |   | L |          | L | 1        |     | 1        | _   | 1         | 4         |   | 1            | _         | _        | 4        |          |
|          |               | 9)       | Ц        | 1 | L |          | L | 4        | _   | 4        |     | 1         | 4         |   | 4            | _         | -        | 4        |          |
|          |               | 0        |          | 1 | l |          | L | ╛        |     | 1        |     | 1         |           | _ | 1            | _         | L        | 4        |          |
|          | 4             | 7        |          | 1 | 1 |          | L | 4        |     | 4        |     | +         |           | _ | +            |           | H        | 4        |          |
| L        | 4             | 22)      |          | 4 | ļ |          | L | 4        |     | 4        | _   | +         | _         | - | +            | _         | _        | 4        |          |
|          |               | 23       | Ц        | 4 | 1 | _        | 1 | _        | _   | 4        |     | +         | -         | H | +            | _         | ┝        | $\dashv$ |          |
| L        | _             | 24       | Ц        | 4 | + |          | ╀ | -        | _   | 4        | _   | +         | _         | H | +            | -         | ╁        | $\dashv$ |          |
| $\perp$  | $\rightarrow$ | 25       | _        | ' | ₩ | _        | ╀ | _        | _   | -        |     | +         |           | ┝ | +            | -         | ╁        | $\dashv$ |          |
| -        |               | 26       | _        | - | ₩ |          | ╁ |          | _   | -        | _   | +         |           | - | ┪            | -         | +        | $\dashv$ |          |
| -        | -             | 27<br>28 | _        | - | ∦ | -        | ł |          | H   | -        |     | $\dagger$ | -         | t | 7            | _         | ╁        | ┪        |          |
| -        | _             | 29       |          | - | H | -        | t |          | H   | _        | _   | +         |           | r | ┪            | _         | T        | 1        |          |
| $\vdash$ |               | 30       |          | Н | H | _        | t | _        | H   | _        | -   | 1         |           | † | 7            | _         | Ť        | ٦        |          |
| $\perp$  | +             | 31       |          | Н | H | _        | † | -        | T   |          | r   | 7         | _         | T |              |           | T        | ٦        |          |
| F        | *             | 32       | سقو      | Г | 1 | _        | † | _        | T   | _        | Г   | 1         |           | Τ |              |           | Ι        |          |          |
| Ì        | 7             | 33       |          | 1 | 1 | _        | 1 |          | T   |          |     |           |           | Ι |              |           | Ι        |          |          |
| T        | $\neg$        | 34       |          |   |   |          | 1 |          | I   |          | L   |           | _         | 1 |              | L         | 1        | _        |          |
|          |               | 35       |          | I |   | _        | _ |          | ļ   | _        | L   |           | _         | 1 | _            | L         | +        | _        |          |
|          |               | 36       | _        | L | _ | _        |   | _        | ļ   |          | L   | ┙         |           | 1 | _            | L         | +        | _        | ı        |
| 4        |               | 37       | L.       | 1 |   | _        | 4 |          | 1   | _        | Ļ   |           | _         | + |              | ┞         | +        | _        |          |
| Ц        |               | 38       | <u> </u> | + | _ | _        | 4 |          | +   |          | +   |           | -         | + | _            | ┞         | +        | -        |          |
| i        |               | 39       | -        | + | _ | H        | _ | -        | +   | _        | +   | _         | H         | + | _            | ╁         | +        | _        |          |
| ,        |               | 40       | ļ_       | 1 | _ | ŀ        | _ | _        | 4   | _        | +   | _         | -         | + |              | ╁         | +        | _        |          |
|          |               | 41       | _        | 4 |   | L        |   | Ļ.       | +   |          | +   |           | ┝         | + | _            | ÷         | +        |          | 1        |
|          |               | 42       |          | + | _ | 1        | _ | -        | +   |          | +   | _         | ┝         | + |              | +         | +        |          | 1        |
|          | -             | 43       | +-       | + |   | $\vdash$ | _ | -        | +   | _        | +   | _         | +         | + |              | $^{+}$    | +        |          | 1        |
|          | -             | 45       | -        | + |   | +        |   | $\vdash$ | +   | _        | +   | _         | +         | + | -            | $^{+}$    | +        |          | 1        |
|          |               | 46       | -        | + |   | t        |   | +        | 1   | _        | †   | _         | $\dagger$ | + |              | †         | 1        |          | 1        |
|          | $\vdash$      | 47       | -        | + | _ | t        | _ | t        | 1   | -        | †   |           | +         | 7 |              | †         | 7        |          | 1        |
|          | -             | 48       |          | + |   | t        | - | +        | ۲   | -        | 1   |           | $\dagger$ |   | _            | †         | ┪        | _        | 1        |
|          | -             | 49       | _        | + | _ | t        | _ | t        |     |          | 1   | _         | T         |   | _            | 1         |          |          | 1        |
|          | $\vdash$      | 50       | _        | 7 |   | t        | _ | T        |     | Γ        | 7   |           | T         |   | Г            | T         |          |          | ]        |

| Claim Date |          |          |              |          |                   |           |           |          |           |               |  |  |
|------------|----------|----------|--------------|----------|-------------------|-----------|-----------|----------|-----------|---------------|--|--|
| Cla        | im       | _        | Τ-           | 1        | Da                | E         |           |          | $\neg$    | -             |  |  |
| <u></u>    | Original |          |              |          |                   |           |           |          | ļ         |               |  |  |
| Final      | ō        |          |              |          | _                 |           |           |          |           | _             |  |  |
| Г          | 51       |          | Ι.           |          |                   |           | L         |          |           |               |  |  |
|            | 52       |          | _            | 1_       | _                 | <u> </u>  | <u> </u>  |          | _         | _             |  |  |
|            | 53       |          | ┸            | ┸        | 1                 | <u> </u>  | <u> </u>  | _        | $\vdash$  | $\vdash$      |  |  |
|            | 54       | 1        | $\bot$       | +        | +-                | ┼         | ↓_        |          | -         | H             |  |  |
| _          | 55       | +-       | +            | +        | +                 | ┼-        | ┼-        | -        | -         | -             |  |  |
| -          | 56<br>57 | +        | +            | +        | +                 | ╁         | ╁         | ┢        | $\vdash$  | H             |  |  |
| -          | 58       | +        | ╁            | +        | +                 | 十         | +-        | $\vdash$ | <u> </u>  |               |  |  |
| $\vdash$   | 59       | +        | +            | +        | +-                | †-        | $\dagger$ | 1        | T         |               |  |  |
| <u> </u>   | 60       | +        | $^{\dagger}$ | $\top$   | +                 | †-        |           |          |           |               |  |  |
| -          | 61       | T        | 1            |          |                   |           | I         | L        | L         |               |  |  |
| $\vdash$   | 62       | T        | I            | I        |                   | $\perp$   | 1         | ↓_       | 1         | $\sqcup$      |  |  |
|            | 63       |          | ]            |          |                   | _         | 1         | $\perp$  | $\perp$   | $\perp$       |  |  |
|            | 64       | $\perp$  | $\perp$      | _        | 4                 | 1         | 4         | 1-       | ╀         | 1-1           |  |  |
| L          | 65       | +        | -            | -        | +                 | +         | +         | +-       | +         | 1-1           |  |  |
| -          | 66       | -        | 4            | +        | +                 | +         | +         | +        | +         | +             |  |  |
| $\vdash$   | 67       | +        | +            | +        | +                 | +         | +         | +-       | ╁         | +             |  |  |
| $\vdash$   | 68       | +        | +            | +        | +                 | +         | +         | +-       | +         | +             |  |  |
| -          | 70       | +        | -+           | -+       | +                 | +         | 十         | +        | $\dagger$ | +1            |  |  |
| $\vdash$   | 71       | +        | $\dashv$     | +        | +                 | ╁         | +         | +        | +         | +-            |  |  |
| ┢          | 72       | +        | +            | +        | $\top$            | $\dagger$ | $\top$    | 十        | $\dagger$ |               |  |  |
| <br> -     | 73       | 7        | -            | 7        | 1                 | 1         |           |          | 1         |               |  |  |
|            | 74       | 7        |              |          |                   |           |           |          |           |               |  |  |
|            | 75       |          |              |          |                   |           |           | $\perp$  | 1         |               |  |  |
|            | 76       |          |              |          | _                 | _         | _         | _        | _         |               |  |  |
|            | 77       | _        |              | _        | _                 | _         |           | +        | +         | +-            |  |  |
| -          | 78       | -        | _            |          |                   | -         | +         | +        | +         |               |  |  |
| -          | 79       | -        | _            | $\vdash$ | $\dashv$          | +         | -+        | +        | +         | +-            |  |  |
| }          | 80       | -        | _            |          | -                 | -         | +         | +        | +         |               |  |  |
| -          | 82       | _        |              | H        | 1                 | $\dashv$  | +         | $\dashv$ | $\dagger$ | +             |  |  |
| - 1        | 83       |          | $\vdash$     |          | $\vdash$ $\dashv$ | T         |           | 1        | 1         |               |  |  |
| t          | 84       |          |              |          |                   |           |           |          |           |               |  |  |
|            | 85       |          |              | Ī.,      |                   |           |           | $\Box$   | $\perp$   |               |  |  |
|            | 86       |          |              | Ĺ        | $\square$         |           | $\perp$   | $\dashv$ | $\dashv$  | 4-            |  |  |
|            | 87       | L        | $\vdash$     | 1_       | _                 |           |           |          | 4         | +             |  |  |
|            | 88       | <u> </u> | <del> </del> | 1        | -                 | Н         |           | -+       | -         | +             |  |  |
|            | 89       | -        | ┡            | $\vdash$ | -                 | $\vdash$  |           | $\dashv$ | $\dashv$  | +-            |  |  |
|            | 90       | -        | -            | -        | 1                 | -         | $\vdash$  |          | -         |               |  |  |
|            | 91       | -        | +-           | +-       | +-                |           | $\vdash$  |          |           | +             |  |  |
|            | 92       |          | ╁            | +        | +-                | -         | $\vdash$  | $\dashv$ | -         | +             |  |  |
|            | 93       | +        | ╁            | +-       | $\vdash$          | +         | H         | -        |           | 1             |  |  |
|            | 95       | 1        | +-           | +        | +                 | $\vdash$  | $\vdash$  |          |           |               |  |  |
|            | 96       | -        | $\dagger$    | t        | T                 |           |           |          |           |               |  |  |
|            | 97       | _        | $\dagger$    | $\top$   | T                 | Т         |           |          |           |               |  |  |
|            | 98       |          | I            |          | I                 |           |           |          |           |               |  |  |
| 1          | 99       | )        | Τ            |          |                   |           | L         | L        | <u> </u>  | $\sqcup \bot$ |  |  |

| rei      | ice:       | s) <        | \         |  |          |          | •            |           |          |           |              |          |          |     |   |            |      |
|----------|------------|-------------|-----------|--|----------|----------|--------------|-----------|----------|-----------|--------------|----------|----------|-----|---|------------|------|
| Г        |            |             | XQ        | TE   | :        |          |              | ]         |          |           |              |          |          |     |   |            |      |
| T        |            |             |           |  |          |          |              | ]         |          |           | _            |          |          |     |   |            | 1    |
|          |            |             |           | ,  |          |          |              |           |          | <         | 9            | 4        |          |     |   |            |      |
| 2        | <u> </u>   | 19          | 1/4       | je)  |          |          |              | _         |          | •         | 2            | 'n       | ,        |     |   |            |      |
| Ĺ        |            |             |           |  |          |          |              | 4         |          |           | -            |          | ~        |     |   |            |      |
| 1        |            |             |           |  |          |          |              | -         |          |           |              | -        | <b>V</b> | _   |   |            |      |
| L        |            |             |           |  |          |          | _            | لـ        |          |           |              |          |          | 7   |   |            |      |
|          |            |             |           |  |          |          |              |           |          |           |              |          |          |     |   |            |      |
|          | No         | n-el        | ect       | ed   |          |          |              |           |          |           |              |          | A        | V   | 3 |            |      |
| ••••     | Int.<br>۸n | erfe<br>pea | ren<br>I  | ce   |          |          |              |           |          |           |              |          |          | Con |   |            |      |
|          | . Ot       | ject        | ed        |  |          |          |              |           |          |           |              |          |          | K   |   | -          |      |
| _        | _          |             |           |  |          |          |              |           |          |           |              | 1        |          |     |   | 7          |      |
| Cla      |            | Т           | Т         | Т  | _        | Dat      | e            | Γ         | Γ        | Г         | 1            | 1        |          |     | - | O.         |      |
| ਲ        | Original   |             |           |  |          |          |              |           |          |           |              |          |          |     |   | 1          | 1    |
| Final    | ō          |             | _         |  |          | Ļ.       |              | -         | -        | ┼-        | -            | 1        |          |     |   | 400        | ستند |
|          | 101<br>102 |             | -         | $\dashv$   | _        | -        | -            | $\vdash$  | +        | +         | +            | 1        |          |     |   |            |      |
|          | 103        |             | -         |  |          |          |              | I         |          | I         | I            | 1        |          |     |   |            |      |
| _        | 104        |             |           |  |          | -        | [            | F         | F        | +         | +            | -        |          |     |   |            |      |
| _        | 105        |             | -         |  | $\vdash$ | -        | +            | +         | +        | +         | +            | 1        |          |     |   |            |      |
|          | 107        | 7           |           |  |          | L        | L            | I         | I        | I         | Ţ            | ]        |          |     |   |            |      |
| _        | 108        | _           | _         | -  | _        | ╀        | ╀            | +         | +        | +         | +            | -        |          |     |   |            |      |
| _        | 109        | _           | -         | -  | -        | ╁╴       | T            | $\dagger$ | T        |           | İ            |          |          |     |   |            |      |
|          | 11         | 1           |           | Ŀ  |          | L        | Ţ            | Ŧ         | 1        | $\perp$   | 1            | 4        |          |     |   |            |      |
| -        | 111        |             | -         | $\vdash$   | $\vdash$ | +        | +            | +         | +        | ╁         | +            | $\dashv$ |          |     |   |            |      |
| $\vdash$ | 11         |             | -         | <del>                                     </del> |          |          | İ            | 上         |          | 士         | I            | 1        |          |     |   |            |      |
| L        | 11         |             |           |  | I        | Ţ        | 1            | 4         | +        | +         | +            | $\dashv$ |          |     |   |            |      |
| -        | 11         |             | +         | ╁  | ╁        | +        | +            | +         | +        | +         | +            | 1        |          |     |   |            |      |
| L        | 11         | -           | İ         | L  | I        | 1        | I            | 1         | 1        | I         | 1            |          |          |     |   |            |      |
|          | 11         |             | -         | +  | +        | +        | +            |           | -        | +         | +            | -        |          |     |   |            |      |
| -        | 12         | 21          | ╁         | +  | +        | ╁        | $\dagger$    | +         | +        | $\dagger$ | $\dagger$    |          | - min    |     |   | towner) no |      |
|          | 12         | 22          |           | T  | I        | T        | 1            | 1         | 1        | $\dashv$  | $\downarrow$ | 4        |          |     |   |            |      |
| -        |            | 23<br>24    | ╀         | +  | +        | +        | +            | +         | $\dashv$ | +         | $\dashv$     | $\dashv$ |          |     |   |            |      |
| t        | +          | 25          | $\dagger$ | $\dagger$  | t        | $\perp$  |              |           |          |           |              |          |          |     |   |            |      |
|          | -          | 26          | I         | Ţ  | +        | +        | $\downarrow$ | +         | 4        | -         | $\dashv$     | $\dashv$ |          |     |   |            |      |
| +        | _          | 27<br>28    | +         | +  | +        | +        | +            | +         | +        | -         | +            | ┪        |          |     |   |            |      |
|          | 1.         | 29          | 1         | 1  | 1        | 1        | 1            | 1         | _        | 1         | 1            | $\Box$   |          |     |   |            |      |
| -        | _+         | 30<br>31    | -         | +  | +        | +        | +            | -         | -        | $\dashv$  | +            | $\dashv$ |          |     |   |            |      |
| ŀ        | -          | 32          | +         |  | 1        | $\pm$    |              |           |          |           |              |          |          |     |   |            |      |
|          |            | 33          | 1         | 4  | +        | -        |              | $\dashv$  | $\dashv$ | _         |              | $\dashv$ |          |     |   |            |      |
| ŀ        |            | 35          | +         | $\dagger$  | +        | $\dashv$ | $\neg$       |           |          |           |              |          |          |     |   |            |      |
|          |            | 36          | 1         | 1  |          | $\Box$   |              |           |          |           |              | $\dashv$ |          |     |   |            |      |
|          |            | 137<br>138  | +         | +  | -+       |          |              |           |          | -         |              | $\vdash$ |          |     |   |            |      |
| Ì        |            | 139         | $\perp$   |  |          |          |              |           |          |           |              |          |          |     |   |            |      |
|          | -          | 140         | $\perp$   |  |          | 4        |              | _         |          | _         | -            |          |          |     |   |            |      |
|          |            | 141         | -         | +  | -        |          |              | -         | -        | ┝         | ├            |          |          |     |   |            |      |
|          | _          | 143         | $\exists$ | 1  |          |          |              |           |          |           |              |          |          |     |   |            |      |
|          |            | 144         | $\Box$    | _  | _        |          | _            | $\vdash$  | L        | -         | +            | -        |          |     |   |            |      |
|          | -          | 145<br>146  | $\dashv$  | $\dashv$   |          |          | -            | $\vdash$  | -        | 1         |              |          | 1        |     |   |            |      |
|          |            | 147         |           |  | _        |          |              |           |          | L         | F            | F        | -        |     |   |            |      |
|          | _          | 148         |           |  |          | -        | -            | -         | +        | +-        | +-           | +        | 1        |     |   |            |      |
|          |            | 149<br>150  |           |  |          |          | L            | L         |          |           | 1            | L        | 1        |     |   |            |      |
|          |            |             |           |  |          |          |              |           |          |           |              |          |          |     |   |            |      |

If more than 150 claims or 10 actions staple additional sheet here

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